

**Abstract of the Disclosure**

A method is provided for the improvement of implantation rates and/or pregnancy rates in a female mammal, comprising administering to a female mammal in whom pregnancy is desired an effective amount of

- (a) a nitric oxide synthase substrate, a nitric oxide donor, or both, optionally in combination with
- (b) a progestin, and,
- (c) optionally, in further combination with an estrogen.

A method is also provided for fertility control for a female mammal, comprising administering to a female mammal in whom pregnancy is not desired and at risk for becoming pregnant an effective amount of nitric oxide synthase inhibitor in combination with an antiprogestin. Pharmaceutical compositions are also provided.

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